

(FILE 'HOME' ENTERED AT 15:18:47 ON 02 FEB 2004)

FILE 'CAPLUS' ENTERED AT 15:28:10 ON 02 FEB 2004

L1	22 S	PHOSPHORYLATION (A) FLUORESCENCE
L2	1 S	FRET (A) PHOSPHORYLATION
L3	0 S	PROTEIN PHOSPHORYLATION (A) FLUORESCENCE RESONANS ENERGY TRAN
L4	0 S	PHOSPHORYLATION (A) FLUORESCENCE RESONANS ENERGY TRANSFER
L5	0 S	PHOSPHORYLATION (A) MONITORING PROTEIN AND FRET
L6	2 S	PHOSPHORYLATION (A) MONITORING PROTEIN

FILE 'USPATFULL, EUROPATFULL, JAPIO, PATOSWO' ENTERED AT 15:48:49 ON 02  
FEB 2004

L7	1557223 S	L^
L8	4 S	L6

> d L2 all

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:944541 CAPLUS  
DN 138:21729  
ED Entered STN: 13 Dec 2002  
TI Synthetic sensor peptide for kinase or phosphatase assays  
IN Bastiaens, Philippe Igor  
PA Europaeisches Laboratorium Fuer Molekularbiologie (Embl), Germany  
SO Eur. Pat. Appl., 12 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
IC ICM C12Q001-42  
ICS C12Q001-48; G01N033-58; C07K007-06  
CC 9-1 (Biochemical Methods)  
Section cross-reference(s): 1

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1264897	A2	20021211	EP 2001-115483	20010627
	EP 1264897	A3	20031112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	WO 2002102834	A2	20021227	WO 2002-EP6224	20020606
	WO 2002102834	A3	20031120		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2001-113815	A	20010606		
	EP 2001-115483	A	20010627		
AB	The present invention relates to a synthetic sensor peptide for the detection and/or measurement of a kinase or phosphatase activity of proteins wherein the synthetic sensor peptide serves as fluorescence resonance energy transfer (FRET) substrate undergoing a conformational change upon phosphorylation by said proteins which conformational change can be detected through FRET. Further, the present invention is concerned with a process for the qual. and/or quant. detn. of proteins with kinase or phosphatase activity comprising said synthetic sensor peptide.				
ST	peptide sensor kinase phosphatase activity sequence phosphorylation FRET				

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:175828 CAPLUS  
 DN 132:218859  
 TI A synthetic fusion protein for **monitoring protein phosphorylation** and its use in detecting protein phosphorylation and screening for modulators  
 IN Hagiwara, Masatoshi; Inouye, Satoshi; Nagai, Yasuo  
 PA Center for Advanced Science and Technology Incubation, Ltd., Japan  
 SO PCT Int. Appl., 45 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2000014108	A1	20000316	WO 1999-JP4769	19990902
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2341153	AA	20000316	CA 1999-2341153	19990902
	AU 9954481	A1	20000327	AU 1999-54481	19990902
	AU 764578	B2	20030821		
	EP 1118618	A1	20010725	EP 1999-940632	19990902
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	JP 1998-248861	A	19980902		
	WO 1999-JP4769	W	19990902		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

N 1118618 EUROPATFULL ED 20010802 EW 200130 FS OS  
 TIEN MONITOR PROTEIN FOR MEASURING PHOSPHORYLATION OF PROTEIN.  
 TIDE REPORTERPROTEIN ZUR MESSUNG DER PROTEINPHOSPHORYLIERUNG.  
 TIFR PROTEINE DE SURVEILLANCE SERVANT A MESURER LA PHOSPHORYLATION DE  
 PROTEINES.  
 IN HAGIWARA, Masatoshi, Medical Research Institute, Tokyo Med. and Dental  
 Uni., 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-0034, JP;  
 INOUE, Satoshi, Chisso Corporation, Yokohama Res. Center, 5-1, Okawa,  
 Kanazawa-ku, Yokohama-shi, Kanagawa 236-8605, JP;  
 NAGAI, Yasuo, Medical Research Institute, Tokyo Med. and Dental Uni.,  
 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-0034, JP  
 PA Center for Advanced Science and Technology Incubation, Ltd,  
 Shin-Marunouchi Building, 5-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo  
 100-0005, JP  
 PAN 2975390  
 AG Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser Anwaltssozietat,  
 Maximilianstrasse 58, 80538 Muenchen, DE  
 AGN 100721  
 OS BEPA2001058 EP 1118618 A1 0027  
 SO Wila-EPZ-2001-H30-T1a  
 DT Patent  
 LA Anmeldung in Japanisch; Veroeffentlichung in Englisch;  
 Verfahren in Englisch  
 DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
 R IT; R LI; R LU; R MC; R NL; R PT; R SE; R AL; R LT; R LV; R MK; R RO;  
 R SI  
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)  
 PI EP 1118618 A1 20010725  
 OD 20010725  
 AI EP 1999-940632 19990902  
 PRAI JP 1998-248861 19980902  
 RLI WO 99-JP4769 990902 INTAKZ  
 WO 0014108 000316 INTPNR